Title: METHODS TO CONFER HERBICIDE RESISTANCE Inventor(s): Hammer et al.
Application No: Not Yet Assigned
Atty Dkt No: 045600/275110

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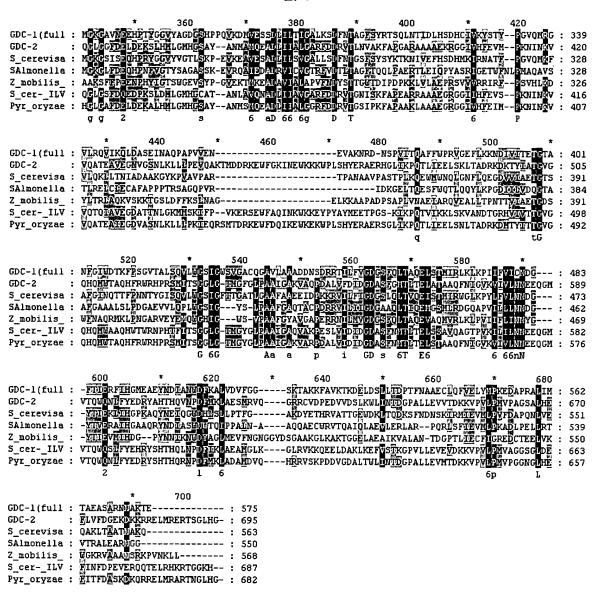
| GDC-1(full: | | * | 20 | * | 40 | * | 60 | * | 80 MASIN : | 5 |
|-------------------------|---------|-----------|---------------------|-----------------------------|----------------|--------------------------|--------------------------------|------------------------------|--------------------------------|-----|
| | | ASKALRAL | GOARHFTST | TOPAAVOAI | RKVASGORN | DATAATATSA | APNVRATPSPAF | NAEE0000KH | SHVQPLVNPQK: | 84 |
| S cerevise . | | | | | | | | | | _ |
| SAlmonella: | | | | | | - | | | : | - |
| <pre>Z_mobilis_ :</pre> | | | | | | | | | | - |
| | | | | | | | | | PSKLAKKLRAE : | 82 |
| Pyr_oryzae : | -MLR-TV | GRKALRGS: | SKGCSRTIS | TLKPATATI | AKPGSRT | LSTPATATAT | aprtkpsasf | NARRDP | QPLVNPRS : | 72 |
| | | | | | | | | | | |
| | * | 100 | | * 1 | .20 | * | 140 | * 16 | in * | |
| GDC-1(full: | IRVQNLE | OPMDVAEY | ÎFRÊ HE I Ĝ | irsineliei | DYNVLALIDY | PSCG-TREW | SVNELNAYA | DEWASVKO-M | GAINTUREVEE: | 88 |
| GDC-2 : S_cerevise : | SDMDESF | TCK CCEI | FIEMULROG | VXIII FGYPO | GAILPYFDA | YMSKHFDFI | L РВН ОСАĞНИМ | CGYAR ASCKI | GVVLVISCPCA: | 169 |
| S_cerevisa : | M | SEILLCKY | LFERUKOVN | VMTVFGIPC | DENUSTION | YEVEGNRUA | gnand enarya | DGYARIKG-M | SCITTITE CĂCE: | 78 |
| SAlmonella: | MO | NPYTVADY | LDRIAGEG | I GÜL FGÖPL | DYMIOFILITH | TDHPTERM | GCAMBUNMAYAM | DIWASMS E-A | GAMMINI PEVER | 79 |
| 2 monilis : | | MSYMPIJIY | CAPRINALLIT | IRKHHIJAVAI | HIYMUNT, LUNNI | HI.I.DKMMITHY | ALL MIGHT WILLS IN 20 | U 1835 PILISA KIR. – A | · AMARYMIN'S VIELA | 77 |
| S_cerILV : | PDMDTSF | AGLUCCOI | FNEMISRON | ADIAL CALC | GAIL PYYUA | HMSDKENDA | LPKHDOGAĞHM | EGYARASCKI | GVVIVISCPEA: | 167 |
| Pyr_oryzae : | GEADESF | | | | | | L b KHE O GV ÇHM | | | 157 |
| | | t | 6 | 6 fg p0 | * D | 5 | E a A | GYAR g | 6 T g G | |
| | | 180 | * | 200 | * | 220 | * | 240 | * | |
| GDC-1(full: | LSAUNG | AGAFSEHV | WHĪVCCĒ | STASQ-RNG | MILHHTUCN | DENIFAMES! | AQISCEVAKLT | PAEIATOIDH | ALRYCFIRSER: | 172 |
| GDC-2: | TNVVTP | QDALSDGT | LVEFCCOV | PTSAIGSDA | FQEADVVGI | RACTKÜNVM | vknyaři prrin | EAFEIATSGR | PGPVLVDLPND: | 254 |
| S_cerevisa : | LSAUNGI | AGSYAEHV | WLHŸVEVŸ | SIŠSQ-AKQ | LILHHTLEN | DETVEHRUS. | anīšettamīti | ICTAPACIDA | PGPVLVDLPPD : CIRTTYVTOPP : | 162 |
| SAlmonella : | LSAUNG | AGSYAEYV | WIHTVEAP | C <u>S</u> AAQ-QRG | ETHHHLICO | ŊŖĸĦŦŶĸ <mark>Ĭ</mark> s | AISAAS-AILD | EONACFEIDR | VIGENIAARSP VIKTAIAKKEP | 162 |
| Z_mobilis_: | HSAFDAI | GGAYAENL | WILLSCAP | NNNDH-AAG | HATHHYTCK | DAHAOTEMAI | KNITAAAEAIYI | PEEAPAKIDH | VIKTAĽAKK | |
| S_cerILV : | TNV#TPI | ADAFADGI | WALLEOA | PTSAIGTDA | FQEADVWCI | RSCTKWNM | VKSVEELPLRI | EAFEIATSGR | | 252 |
| Pyr_oryzae : | INALLEM | | grwyrsigov o66 G | V <u>IS</u> DIGS <u>D</u> A | | šk2C1K ®W M | VKSADEL PRRI | <u>EA</u> FE I <u>A</u> TSGR | PGPALADAWD: | 242 |
| | 0 | ı | 900 6 | • | 6G | ь | | | 4 | |
| | 260 | * | 28 | | * | 300 | * 32 | | * 340 | |
| GDC-1(full: | YIMPT | DMVQAKVE | GARÎKEPÎD | LSEPPNDPE | KEAYVVDVŸ | LKYĽRAÁRNÝ | II <u>L</u> VDACA <u>IR</u> HR | -VLDEVHDÎ I | EKTNÍPVFVTP: | 256 |
| GDC-2: | TAGILR | RAIPTETAL | LPALPSAAS | RAAMESSRK | HLEHTIKRY | ADLVNKADOPY | TYAGOGIIOSE | GGPELLKELA | DKASIPVITTI : | 339 |
| S_cerevisa: | YLGUPA | NLVDLNVP/ | KLLOTPID: | MSLKPNDAE | SEKEVIDTI | LVLAKDATNE | LADACCSRHD | -VKAETKKLI | DLTQFPAFVTP: | 246 |
| SAlmonella : | | | | | | | LADFLAGREG | | | 244 |
| Z_mobilis_: | | | | | | | | | | 244 |
| S_cerILV : | | | | | | | VLYVGAGILNHA | | Active Personal Base and | 335 |
| Pyr_oryzae : | MIASMLR | RALPTETS. | LESES-BAAI | RAVQEAGRE | QLEHSIKRY. | ADTANIWAKE! | MAŸGOGAĒTZE | GGVELLKALA | DKASIPVITIL: | 326 |
| | v b | | | | | 4 1 | 7 | | | |

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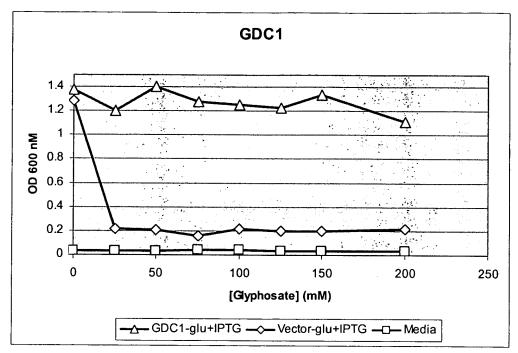
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B.

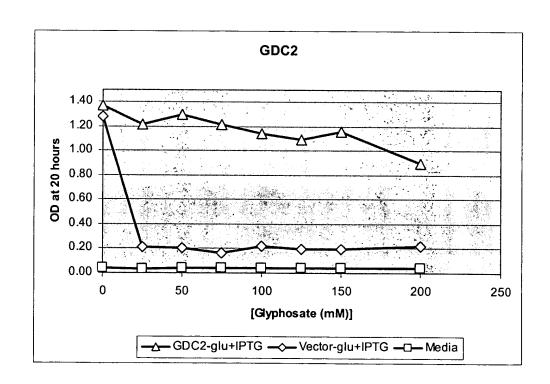
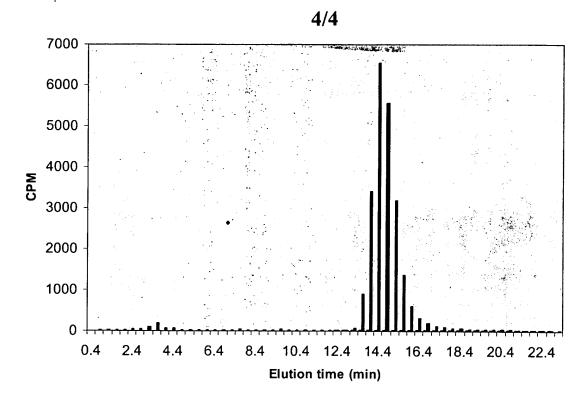


FIG. 2

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B.

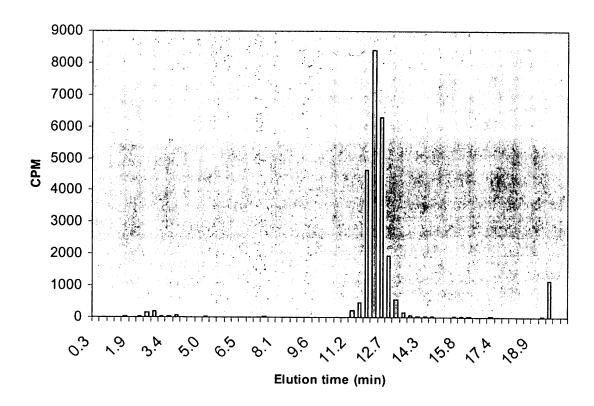


FIG. 3